

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

 ATTORNEY'S DOCKET NUMBER
85328-88009

U.S. APPLICATION NO. (if known, see 37 CFR 1.53)

10/511,066

 INTERNATIONAL APPLICATION NO.
PCT/GB03/01509

 INTERNATIONAL FILING DATE
04/08/2003

 PRIORITY DATE CLAIMED
04/09/2002

 TITLE OF INVENTION
PIPE REPAIR SYSTEM AND DEVICE

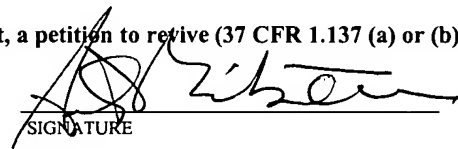
 APPLICANT(S) FOR DO/EO/US
Jean Maureen BALL, legal representative of deceased inventor Daniel Graham BALL

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☒ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Response To Notification Of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US) Transmittal; Copy of Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US); Revocation of Power of Attorney; postal card.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/511,066		INTERNATIONAL APPLICATION NO. PCT/GB03/01509		ATTORNEY'S DOCKET NUMBER 85328-88009	
The following fees are submitted				CALCULATIONS	PTO USE ONLY
21. <input type="checkbox"/> Basic National Fee:.....\$300.00				\$	
22. <input type="checkbox"/> Examination fee: If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100.00 All other situations.....\$200.00				\$	
23. <input type="checkbox"/> Search Fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Authority.....\$100.00 International Search Report prepared and provided to the Office.....\$400.00 All other situations.....\$500.00				\$	
TOTAL OF 21, 22 AND 23 =				\$0.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		X \$250.00	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	-20 =		X \$50.00	\$	
Independent Claims	-3 =		X \$200.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$0.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$0.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$	
TOTAL NATIONAL FEE =				\$0.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
TOTAL FEES ENCLOSED =				\$0.00	
				Amount to be refunded:	\$
				charged:	\$
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1985. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</p>					
<p>SEND ALL CORRESPONDENCE TO: Greensfelder, Hemker & Gale, PC 10 S. Broadway 2000 Equitable Building St. Louis, Missouri 63102 Telephone: (314) 241-9090 Facsimile: 314-345-4704</p>				<p style="text-align: center;"> SIGNATURE</p> <p style="text-align: center;">Peter S. Gilster NAME</p> <p style="text-align: center;">25,337 REGISTRATION NUMBER</p>	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Attorney Docket: 85328-88009
: :
Jean Maureen BALL, legal representative of : Group Art Unit: 3679
deceased inventor Daniel Graham BALL : :
: :
Application Serial No.: 10/511,066 : Examiner: Unknown
: :
PCT International Filing Date: April 8, 2003 : U.S. Filing Date: October 12, 2004

For: PIPE REPAIR SYSTEM AND DEVICE

CERTIFICATION OF MAILING
UNDER 37 C.F.R. SECTIONS 1.8(a) AND 1.10

Mail Stop PCT
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby certify that, on the date shown below, this correspondence and enclosures identified below are being deposited with the United States Postal Service in an envelope addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. Section 1.8(a)

37 C.F.R. Section 1.10*

[X] with sufficient postage as first class mail. [] as "Express Mail Post Office to Addressee" Mailing Label No. _____

Enclosures:

- 1) Response To Notification Of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US) transmittal (1 page);
- 2) PCT Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371 (2 pages);
- 3) Executed Combined Declaration And Power Of Attorney (3 pages);
- 4) Copy of Notification of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US), dated March 28, 2005 (2 pages);
- 5) Revocation of Power of Attorney (1 page); and
- 6) Postal Card.

Please charge any deficiency in fees and please credit any excess in fees in connection with this submission to Deposit Account 07-1985.

Respectfully submitted,

May 27, 2005
Date

Kathi Berndt
Name: Kathi Berndt
Greensfelder, Hemker & Gale, PC
10 S. Broadway, Suite 2000
St. Louis, Missouri 63102
314-241-9090 Telephone
314-345-4704 Facsimile

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Attorney Docket: 85328-88009
: :
Jean Maureen BALL, legal representative of : Group Art Unit: 3679
deceased inventor Daniel Graham BALL : :
: :
Application Serial No.: 10/511,066 : Examiner: Unknown
: :
PCT International Filing Date: April 8, 2003 : U.S. Filing Date: October 12, 2004

For: PIPE REPAIR SYSTEM AND DEVICE

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN
THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Mail Stop PCT
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US) dated March 28, 2005, submitted herewith is the following:

- 1) PCT Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371 (2 pages);
- 2) Executed Combined Declaration and Power of Attorney (3 pages.);
- 3) Copy of Notification of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US), dated March 28, 2005 (2 pages);
- 4) Other: Return Receipt Post Card.

It is believed that the requirements of the Notice have now been satisfied.

It is pointed out that the submission of an Assertion Of Small Entity Status, Request For Suspension Of Rules And Request For Refund has been entered and Applicant is awaiting action on said request.

Please charge any deficiency in fees or credit any excess in fees to Deposit Account 07-1985.

Respectfully submitted,

27 May 2005
Date



Peter S. Gilster, Reg. No. 25,337
Greensfelder, Hemker & Gale, PC
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St. Louis, Missouri 63102
314-241-9090 Telephone
314-345-4704 Facsimile
CUSTOMER NUMBER: 22807

DOCKET
GHG-IP

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/511,066		85328-88009

INTERNATIONAL APPLICATION NO.

PCT/GB03/01509

I.A. FILING DATE	PRIORITY DATE
04/08/2003	04/09/2002

Greensfelder Hemker & Gale
10 S Broadway
2000 Equitable Building
St Louis, MO 63102

CONFIRMATION NO. 8545

371 FORMALITIES LETTER



OC000000015580913

Date Mailed: 03/28/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 10/12/2004
- Copy of the International Search Report filed on 10/12/2004
- Preliminary Amendments filed on 10/12/2004
- Information Disclosure Statements filed on 10/12/2004
- Request for Immediate Examination filed on 10/12/2004
- U.S. Basic National Fees filed on 10/12/2004
- Priority Documents filed on 10/12/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/511,066	PCT/GB03/01509	85328-88009

FORM PCT/DO/EO/905 (371 Formalities Notice)